

### **B. AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

We claim:

1-15. (Canceled).

16. (Currently Amended). A method of cleaning a coated surface of an article, the method comprised of the steps of

providing a coated article, the article comprised of a component of a gas turbine engine assembly installed in the flowpath of a gas turbine engine, the article having a damaged coating area;

providing an apparatus having an applicator communicably connected to a liquid dispensing unit by a dispensing tube, the liquid dispensing unit comprised of a liquid reservoir containing a cleaning solution, the liquid reservoir communicably connected to the applicator by a dispensing tube;

cleaning the damaged area of the coating with the apparatus by moving the applicator across the damaged area;

dispensing a liquid from the apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator;

~~The method of claim 15, further comprised of the steps of~~

~~providing a second apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and~~

~~dispensing a liquid from the dispensing tip of the second apparatus by applying external pressure to the liquid reservoir; and~~

~~distributing the liquid using the applicator of the second apparatus.~~

17. (Original). The method of claim 16, wherein the liquid contained in the liquid reservoir of the second apparatus is selected from the group consisting of primers and coating repair compositions.

18. (Original). The method of claim 17, wherein the coating repair composition is a liquid mixture comprising one or more refractory materials in powdered form, one or more binders, and a solvent.

19. (Original). The method of claim 18, wherein the refractory materials are selected from the group consisting of oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations thereof.

20. (Currently amended). The method of claim 16, further comprised of the steps of

providing a third apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and

dispensing a liquid from the dispensing tip of the ~~second~~ third apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator of the ~~second~~ third apparatus.

21. (Original). The method of claim 20, wherein the liquid contained in the liquid reservoir of the second apparatus is a primer, and wherein the liquid contained in the reservoir of the third apparatus is a coating repair composition comprised of a liquid mixture comprising one or more refractory materials, one or more binders, and a solvent.

22. (New). The method of claim 21, wherein the refractory materials are selected from the group consisting of oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations.

23. (New). A method of cleaning a coated surface of an article, the method comprised of the steps of

providing a coated article, the article comprised of a component of a gas turbine engine assembly installed in the flowpath of a gas turbine engine, the article having a thermal barrier coating, the coating having a damaged coating area;

providing an apparatus having an applicator communicably connected to a liquid dispensing unit by a dispensing tube, the liquid dispensing unit comprised of a liquid

reservoir containing a cleaning solution, the liquid reservoir communicably connected to the applicator by a dispensing tube;

cleaning the damaged area of the coating with the apparatus by moving the applicator across the damaged area;

dispensing a liquid from the apparatus by applying external pressure to the liquid reservoir;

distributing the liquid using the applicator;

providing a second apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and

dispensing a liquid from the dispensing tip of the second apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator of the second apparatus.

24. (New). The method of claim 23, wherein the liquid contained in the liquid reservoir of the second apparatus is selected from the group consisting of primers and coating repair compositions.

25. (New). The method of claim 24, wherein the coating repair composition is a liquid mixture comprising one or more refractory materials in powdered form, one or more binders, and a solvent.

26. (New). The method of claim 25, wherein the refractory materials are selected from the group consisting of oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations thereof.

27. (New). The method of claim 26, further comprised of the steps of

providing a third apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and

dispensing a liquid from the dispensing tip of the third apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator of the third apparatus.

28. (New). The method of claim 27, wherein the liquid contained in the liquid reservoir of the second apparatus is a primer, and wherein the liquid contained in the reservoir of the third apparatus is a coating repair composition comprised of a liquid mixture comprising one or more refractory materials, one or more binders, and a solvent.

29. (New). The method of claim 28, wherein the refractory materials are selected from the group consisting of oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations thereof.

30. (New). A method of cleaning a coated surface of an article, the method comprised of the steps of providing a coated article, the article comprised of a component of a gas turbine engine assembly, the article having a thermal barrier coating, the thermal barrier coating having a damaged coating area;

providing an apparatus having an applicator communicably connected to a liquid dispensing unit by a dispensing tube, the liquid dispensing unit comprised of a liquid reservoir containing a cleaning solution, the liquid reservoir communicably connected to the applicator by a dispensing tube;

cleaning the damaged area of the coating with the apparatus by moving the applicator across the damaged area;

dispensing a liquid from the apparatus by applying external pressure to the liquid reservoir;

distributing the liquid using the applicator;

providing a second apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and

dispensing a liquid from the dispensing tip of the second apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator of the second apparatus.

31. (New). The method of claim 30, wherein the liquid contained in the liquid reservoir of the second apparatus is selected from the group consisting of primers and coating repair compositions.

32. (New). The method of claim 31, wherein the coating repair composition is a liquid mixture comprising one or more refractory materials in powdered form, one or more binders, and a solvent.

33. (New). The method of claim 32, wherein the refractory materials are selected from the group consisting of oxides of alumina, zirconia, hafnia, magnesia, titanium, calcium, silica, yttria, and combinations thereof.

34. (New). The method of claim 33, further comprised of the steps of

providing a third apparatus comprised of a liquid dispensing unit comprised of a liquid reservoir containing a liquid, the liquid reservoir communicably connected to one end of a dispensing tube, and a dispensing tip communicably connected to the opposite end of the dispensing tube, the apparatus further comprised of at least one applicator attached to, but not communicably connected with, the fluid dispensing unit; and

dispensing a liquid from the dispensing tip of the third apparatus by applying external pressure to the liquid reservoir; and

distributing the liquid using the applicator of the third apparatus.

35. (New). The method of claim 34, wherein the liquid contained in the liquid reservoir of the second apparatus is a primer, and wherein the liquid contained in the reservoir of the third apparatus is a coating repair composition comprised of a liquid mixture comprising one or more refractory materials, one or more binders, and a solvent.